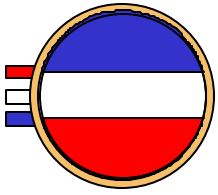


# **Operations and Deployments**

**Brigadier General Stephen Speakes**

**Assistant Dep. Chief of Staff, Operations**

**U.S. Army Forces Command**



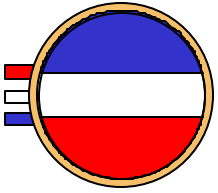
# Panel Members

- ✦ **LTG Lawson W. Magruder III, DCG, FORSCOM, Chair**
- ✦ **MG Craig Bambrough, DCG, U.S. Army Reserve Command**
- ✦ **MG Warren Edwards, DCG, 3rd United States Army**
- ✦ **MG Alfred Valenzuela, DCG, U.S. Southern Command**
- ✦ **BG Richard Capka, CG, South Atlantic Division, USACE**
- ✦ **BG Larry Powell, ADC, 28th Infantry Division (Mx), PA ARNG**
- ✦ **COL (P) Bruce Barlow, ADCSOPS, FORSCOM**
- ✦ **COL James Dries, DCSENGR, U.S. Army, Pacific**
- ✦ **COL Philip Federle, ADCSENGR, U.S. Army, Europe**
- ✦ **COL Steven Perrenot, DCSENGR, U.S Forces, Korea**
- ✦ **GEN (Ret) David Maddox, Facilitator**



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# Deployments & Operations

## THREE ISSUES:

- ✦ Include environmental concerns in all operations
- ✦ Maintain sufficient land and facilities to train, mobilize, and deploy under maximum surge for current and objective forces
- ✦ Establish deployment force standards for hazardous waste storage and disposal

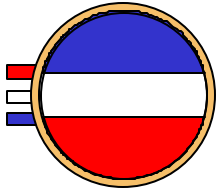
## 16 ACTIONS:

## TASKED TO MACOMS / STAFF AGENCIES



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# Deployments & Operations

## ✦ **ISSUE #1: Including Environmental Concerns in All Operations**

### ✦ **Actions Underway**

**Coordinating with USAF Special Ops Command to Develop Global Environmental Compliance Checklist**

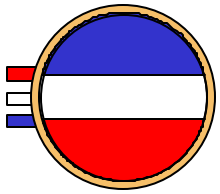
### ✦ **Actions for the Next 180 Days**

**Develop new policy in coordinated effort with TRADOC, DCSOPS, DCSINT, ACSIM, DCSLOG, ASA, and USARC**



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# Deployments & Operations

## ✦ **ISSUE #2: Securing Land and Facilities for Training, Mobilization and Deployment**

### ✦ **Actions Underway**

- Coordinating with DoD and Army Staffs for improved imagery support for land management issues
- Exploring opportunities to conduct off-post TES recovery at Forts Bragg and Hood

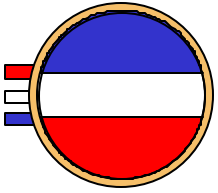
### ✦ **Actions for the Next 180 Days**

**Continuous close coordination with FWS and HQDA to minimize the training restrictions due to Critical Habitat**



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# Deployments & Operations

## ✦ **ISSUE #3: Establish Deployment Force Standards for HAZWASTE Storage and Disposal**

### ✦ **Actions Underway**

**Coordinating with DA DCSLOG to ensure contracted support provides appropriate hazardous waste disposal service**

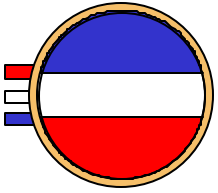
### ✦ **Actions for the Next 180 Days**

**Coordinate with DA DCSLOG in identifying suitable substitutes for hazardous materials in the GSA catalog**



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# Deployments & Operations

## Issues for Senior Leadership

- ✦ Training Land Strategy – supportive of the Legacy and Objective Force
- ✦ Center for Army Lessons-Learned (CALL) – establish operational environmental lessons-learned data base.
- ✦ Hazardous Waste Storage and Disposal – uniformed policy on standards, storage and disposal by deploying and redeploying forces (both service unique and joint policy).

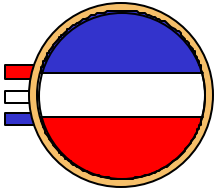


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# Challenges to Use of our Training Lands

- ✦ Why have our needs grown?
- ✦ What are some of the challenges?
- ✦ What are we doing about it?



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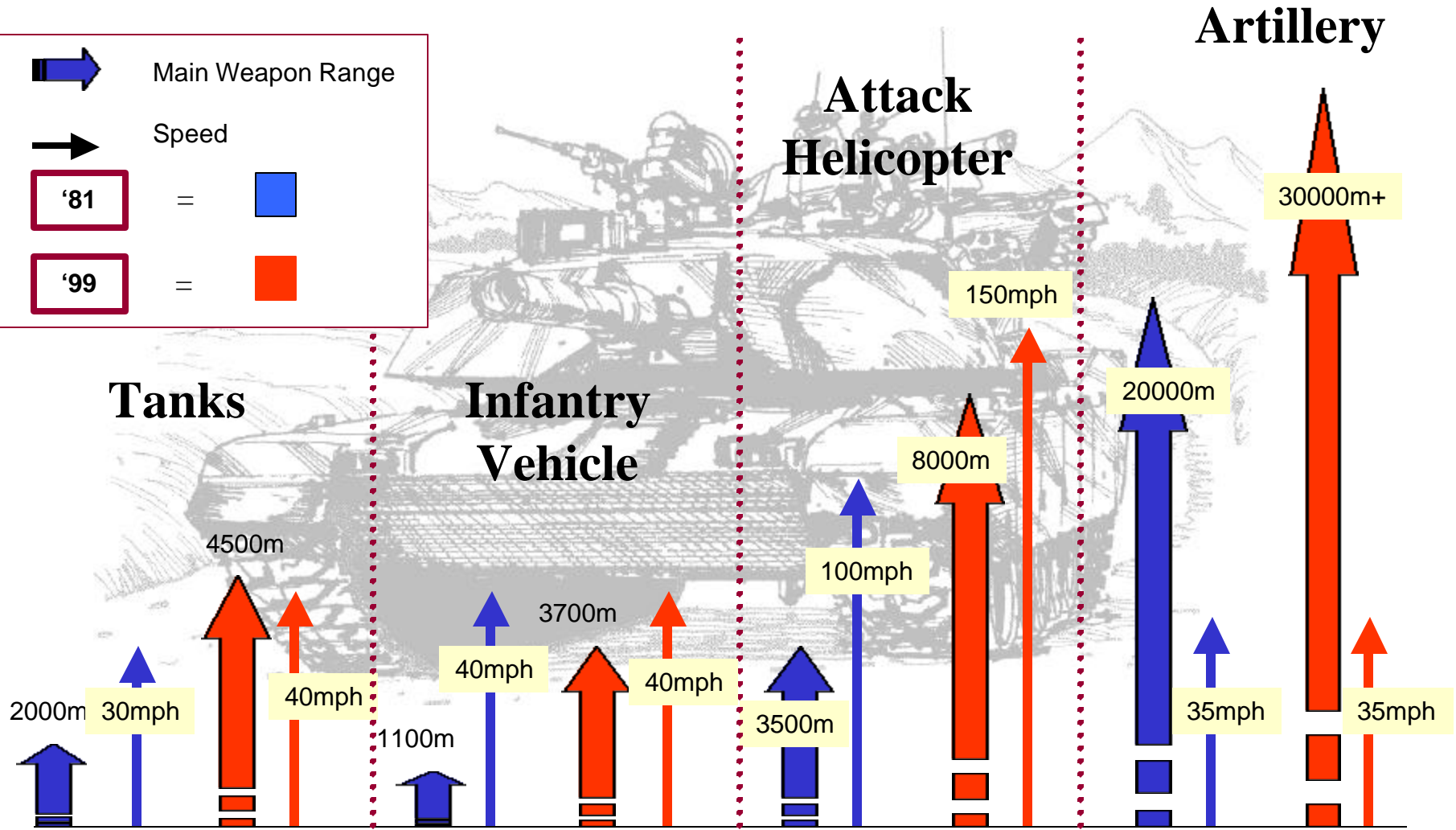
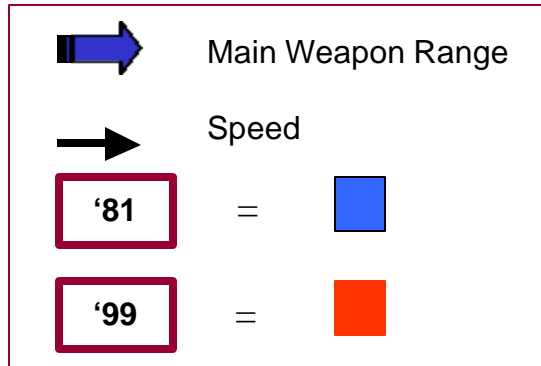
# **Modern Day Battlefields Vastly Larger Than WWII or Even 1981**

- ▶ **Weapons Lethality**
- ▶ **Killing at Far Greater Ranges**
- ▶ **Helicopter on the Battlefield**
- ▶ **Drastic Vehicle Speed Increase**
- ▶ **Technological Advance**
- ▶ **Communications Improvements**
- ▶ **Almost Real Time Intelligence Capabilities**

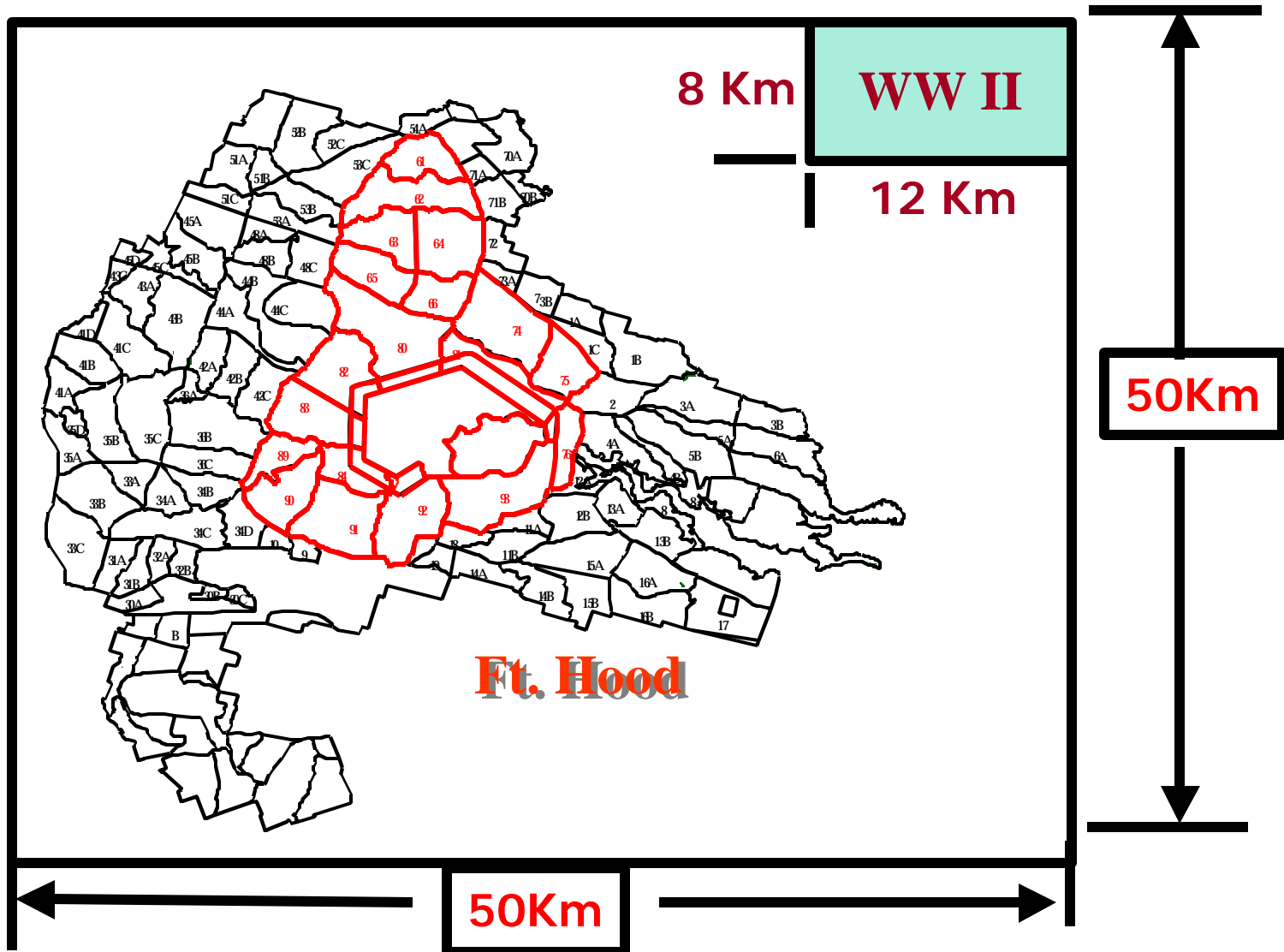


**Battlefield  
Depth**

# Why Larger Battlefields

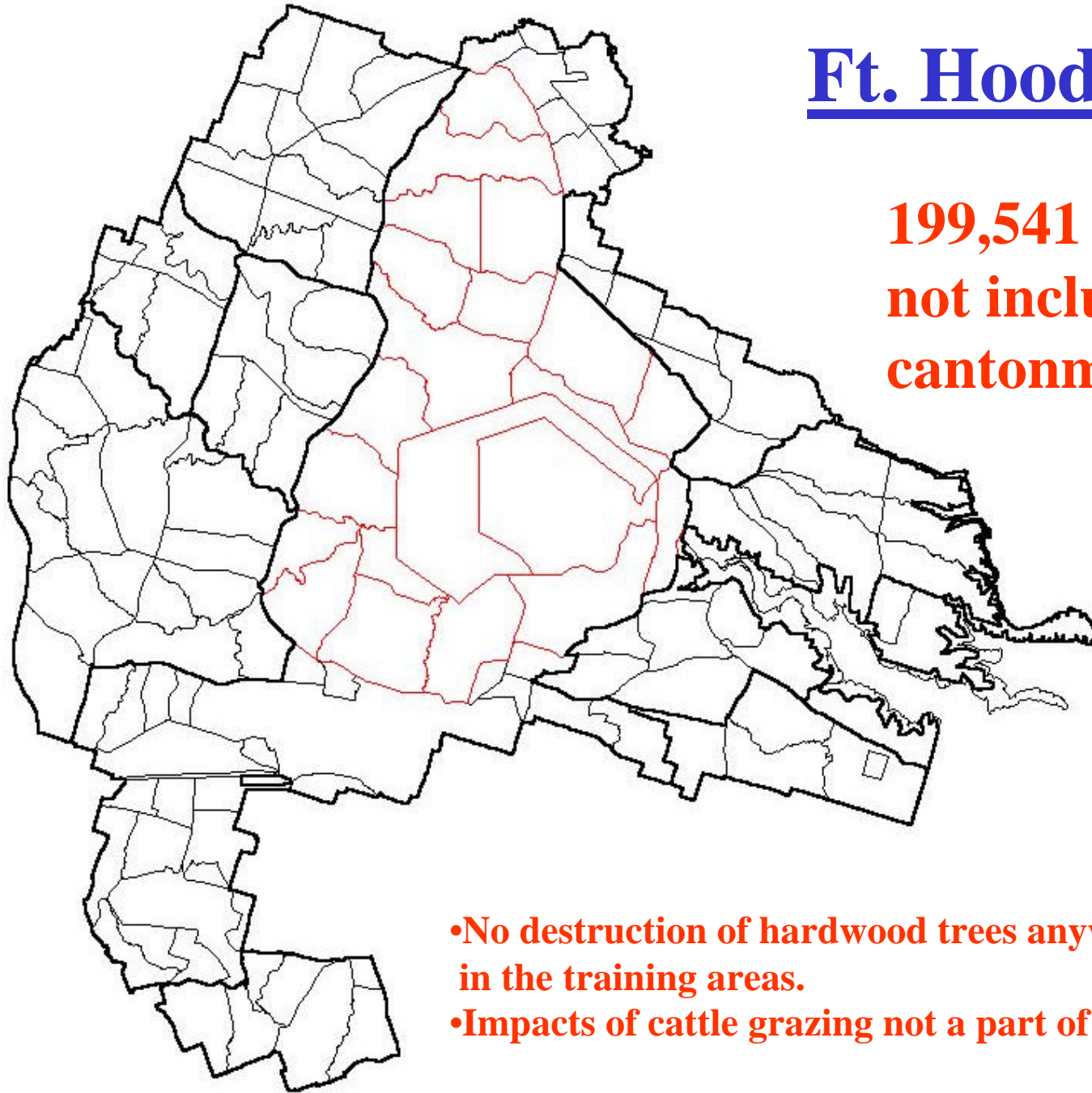


# The Brigade Battlefield



## Ft. Hood, Texas

**199,541 acres  
not including the  
cantonment area**



- No destruction of hardwood trees anywhere in the training areas.
- Impacts of cattle grazing not a part of this analysis.



- No digging
- No open fires
- No tree or brush cutting
- No destruction of habitat

# Ft. Hood, Texas

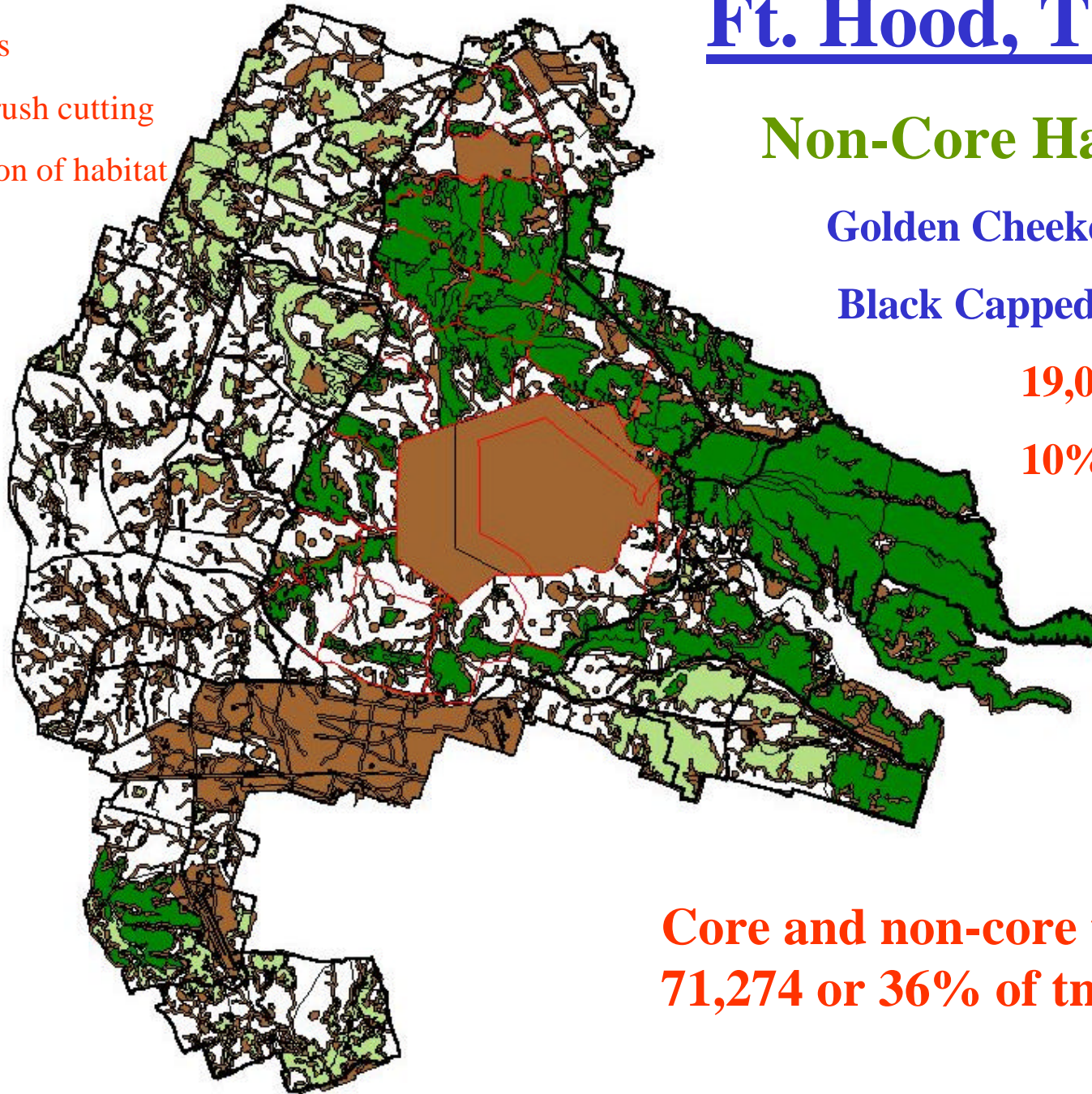
## Non-Core Habitat

Golden Cheeked Warbler

Black Capped Vireo

19,005 acres

10% of tng land



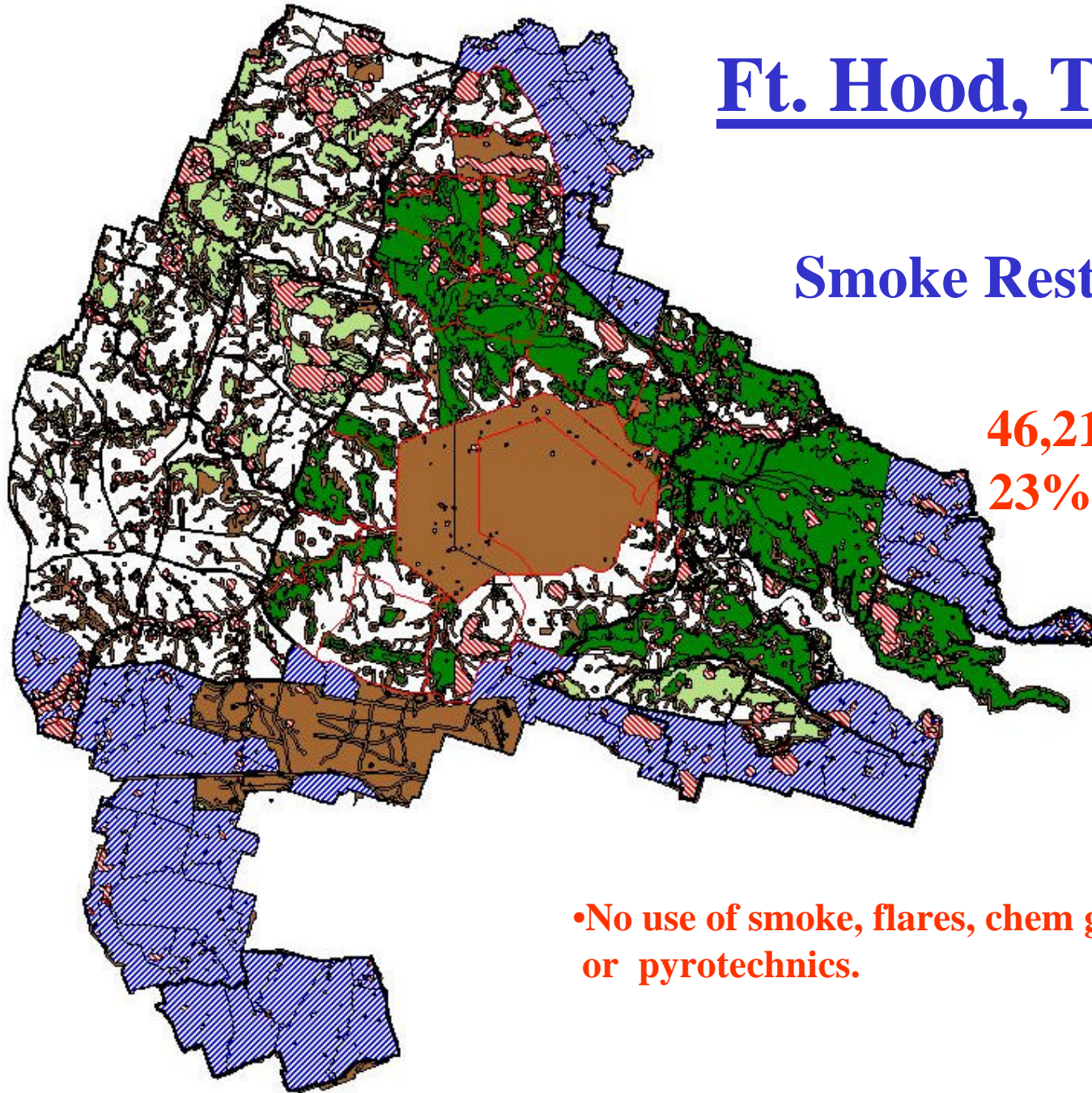
Core and non-core totals  
71,274 or 36% of tng land



# Ft. Hood, Texas

## Smoke Restrictions

46,215 acres  
23% of tng land



- No use of smoke, flares, chem grenades, or pyrotechnics.

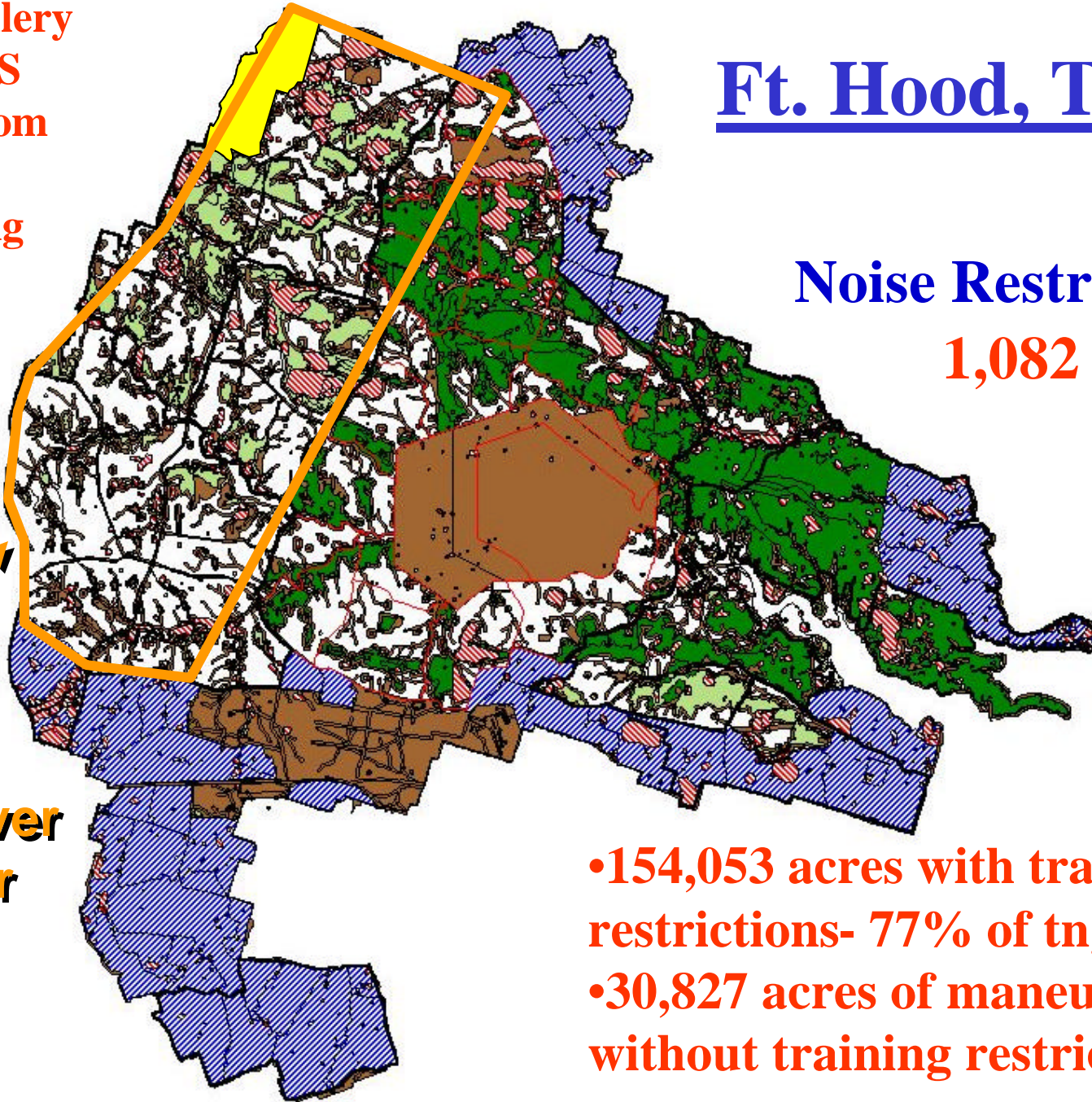


# Ft. Hood, Texas

**Noise Restrictions**  
**1,082 acres**

•No artillery  
or MLRS  
firing from  
these  
2 training  
areas.

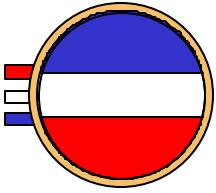
**Major  
maneuver  
corridor**



- 154,053 acres with training restrictions- 77% of tng land
- 30,827 acres of maneuver land without training restrictions







**So what are we doing  
about all this?**



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**To reduce sedimentation and lost training time, we're hardening stream crossing sites, like this one at Fort Riley, KS.**





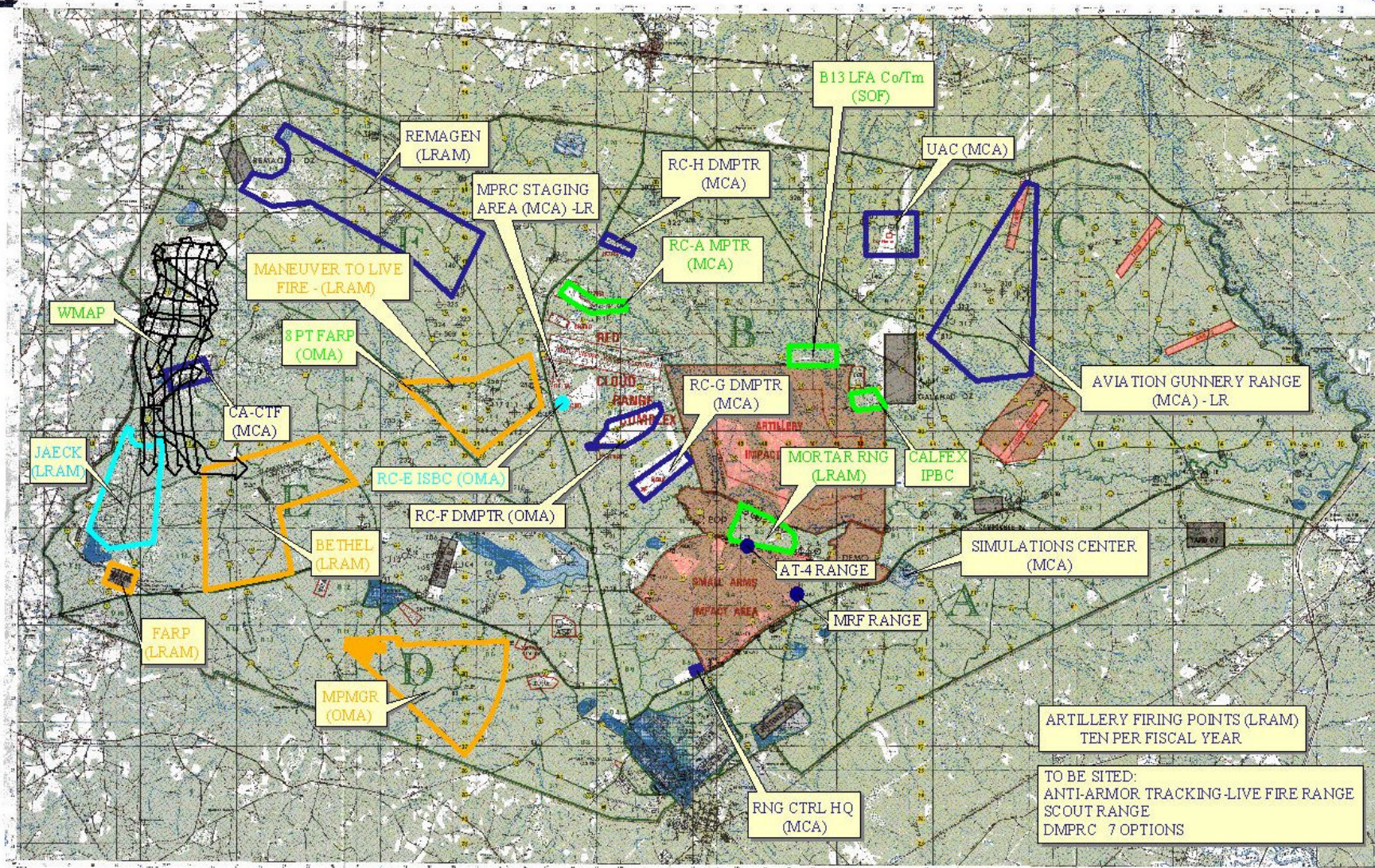
**We're restoring and hardening flight landing strips, like this one at Fort Drum, NY.**







# FORT STEWART TEN YEAR RANGE PLAN



## Map Information

Projection ..... U TM Zone 17 North, NAD 83, GRS80  
Layers (Source) ..... Ranges (Range Control)  
Produced by ..... Lisa Falcon,  
Fort Stewart ITAM Program  
Date ..... 07 SEPTEMBER 2000

## Legend

Orange outline: UNDER CONSTRUCTION  
Green outline: FY - 01  
Blue outline: FY - 02  
Purple outline: LONG RANGE (03+)



Scale 1:170,000

2000 0 2000 4000 6000 Meters

## TEN YEAR RANGE DEVELOPMENT PLAN

IAW AR 210-21

APPROVED BY INSTALLATION PLANNING BOARD  
25 AUGUST 2000

PREPARED AND MAINTAINED BY FORT STEWART ITAM PROGRAM



# Fort Bragg



Red-Cockaded  
Woodpecker

